

AIPTEK®

English

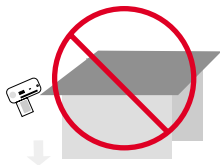
POCKETDV 3100

Installation Guide



Notice

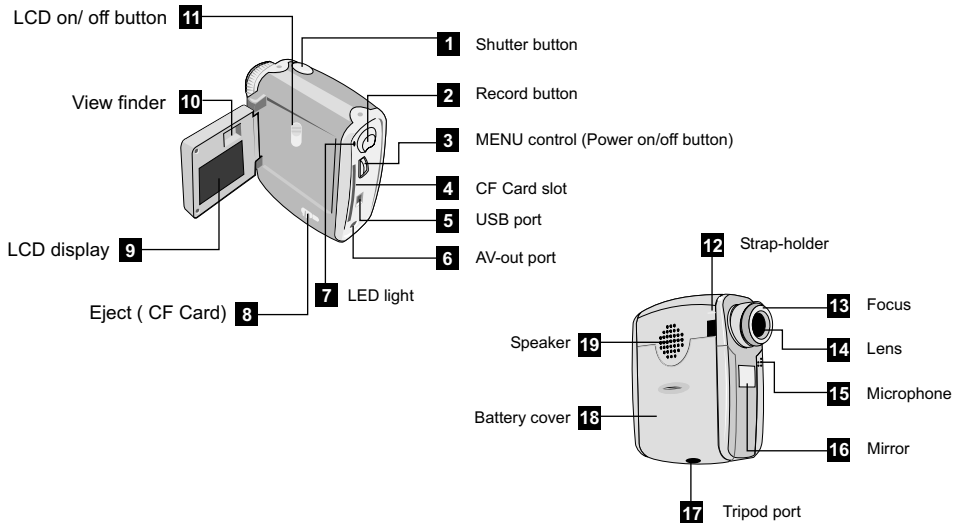
1. Do not drop, puncture or disassemble the camera.
2. Remove batteries during long periods between use.
3. Avoid all contact with water and dry hands before using.
4. Do not expose the camera to high temperature or leave it in direct sunlight.
5. Avoid pressing hard on the camera body.



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Camera Parts

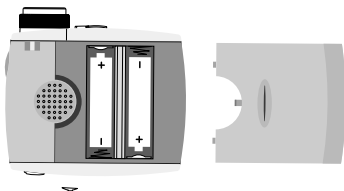


Before Using Your Camera



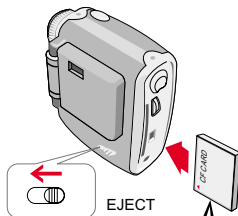
Battery Installation

Your camera runs on two AA alkaline batteries. High performance batteries are recommended for this camera for maximum battery life.



Inserting CF Card

Your camera store data on Compact Flash Cards (8MB-512MB). Insert you CF Card as shown.



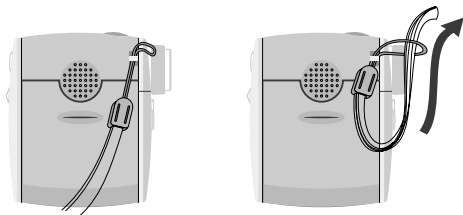
- Do not eject CF Card while the camera is processing data.

Your camera needs a CF Card to take pictures.

Before Using Your Camera

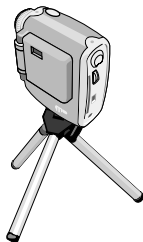
Strap

Attach the carrying strap for convenience and safety.



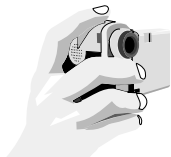
Tripod

Use a tripod to minimize camera movement and ensure optimal image quality, especially while shooting longer movies, self-portraits or video conferencing.

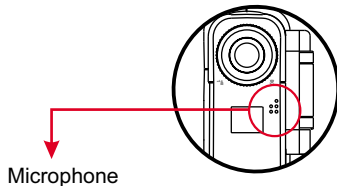


Before Using Your Camera

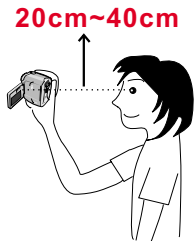
How to hold your camera



Do not cover the lens.



Do not cover the microphone.



Turning on/off Your Camera

Turning on your camera

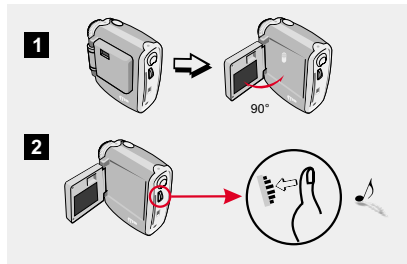
Follow either of the two methods to turn on your camera.

1 Opening LCD panel

Swing the LCD panel 90° away from the camera body. The LCD display will be automatically launched and your camera will be turned on. Be careful not to over extend the panel.

2 Using MENU control

Press and hold the MENU control for 3 seconds to turn on your camera.



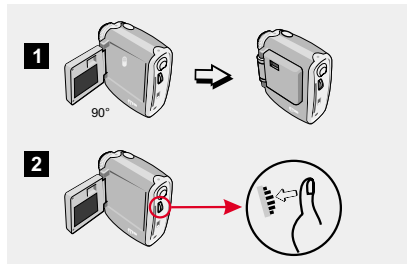
Turning off your camera

Follow either of the two methods to turn off your camera.

1 Snap the LCD panel to the camera body and the camera will be turned off.

2 Press the MENU control for 3 seconds. If you can't turn off your camera, please make sure you exit the MENU.

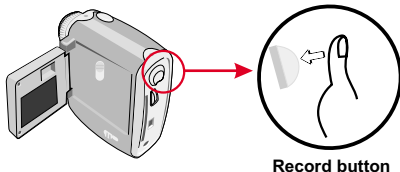
 Your camera will automatically shut off after 60 seconds of inactivity. To turn on your camera, press the MENU Control for 3 seconds.



Recording AVI Movies

Taking AVI Movies

- (1) Press and release  to record.
- (2) Flashing LED light indicates recording in progress.
- (3) Press and release  again to stop recording.

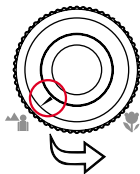


Recording.....

Taking Pictures

1 Set focus

Set focus before taking pictures.



16" ~ ∞ (40cm ~ ∞)



12" ~ 16" (30cm ~ 40cm)

2 Zoom In/ Zoom Out

Zoom In/ Zoom Out

Zoom in: Rotate MENU control up to zoom in image.

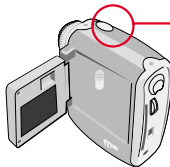
Zoom out: Rotate MENU control down to zoom out image.



3 Taking still pictures

(1) Press the shutter button.

(2) After LED light stops, image is successfully captured.



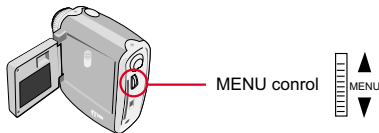
Shutter button

Playback

 In Playback mode, you can playback files and delete single file.

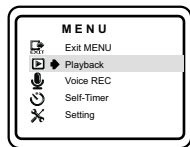
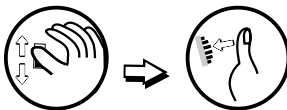
1 Entering MENU

Press and release MENU control to show MENU.



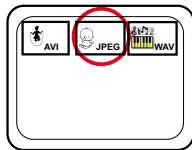
2 Mode Selecting

Rotate MENU control to highlight Playback. Then press MENU control again to select Playback mode.

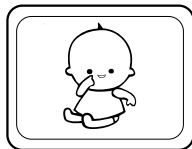


3 Selecting a Thumbnail

After selecting Playback mode, you enter thumbnail mode. Rotate MENU control to shift between thumbnails.



Thumbnail mode



Full Screen

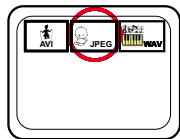
4 Playing back files

Press MENU control to playback files.

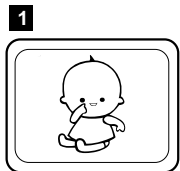
Playback

Erasing single file

1 Select a thumbnail.



Thumbnail mode



Full Screen

2 Press the shutter button.



Shutter button



3 Press the shutter button again and the file will be erased.



Shutter button

Returning to preview mode

To return to LCD preview from thumbnail mode, press Record button.

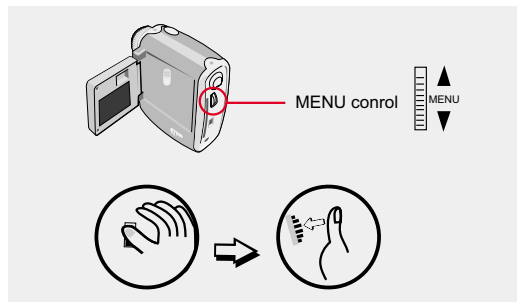
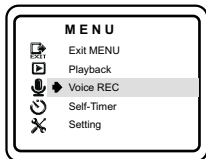


Record button

Voice Recording

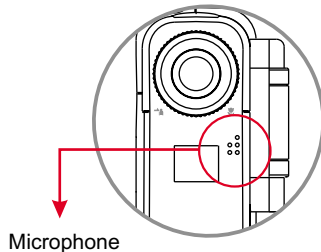
1 Entering MENU

Press and release MENU control to show MENU.



2 Voice Recording

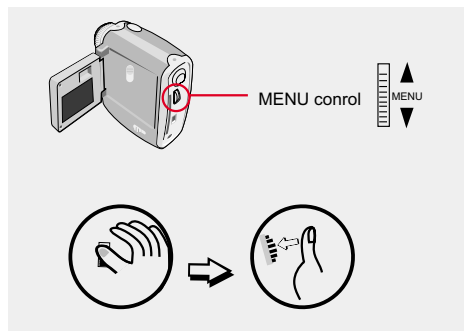
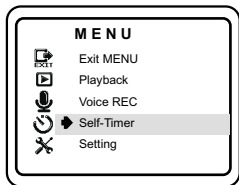
- (1) Rotate MENU control to highlight  and press MENU control to start voice recording.
- (2) LED light indicates voice is being recorded.
- (3) Speak directly into the microphone.
- (4) Press MENU control to stop voice recording.



Self Timer

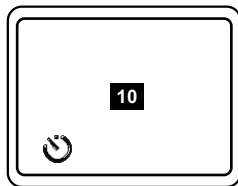
1 Entering MENU

Press and release MENU control to show MENU.



2 Self Timer

- (1) Rotate MENU control to highlight .
- (2) Press MENU control to select .
- (3) Press shutter button.
- (4) Counter will count down from ten to zero and take the picture.



Setting

1 Entering MENU

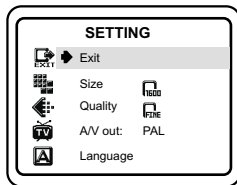
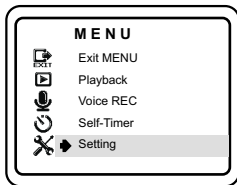
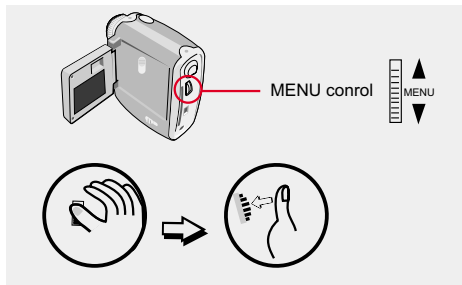
Press and release MENU control to show MENU.

2 Mode Selecting

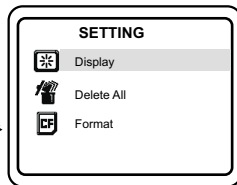
Rotate MENU control to highlight Setting.
Then press MENU control again to select Setting mode.

3 Changing the Setting

Rotate MENU control to shift between modes.
Then press MENU control to select mode.



Setting Mode (Page 1)



Setting Mode (Page 2)

Setting

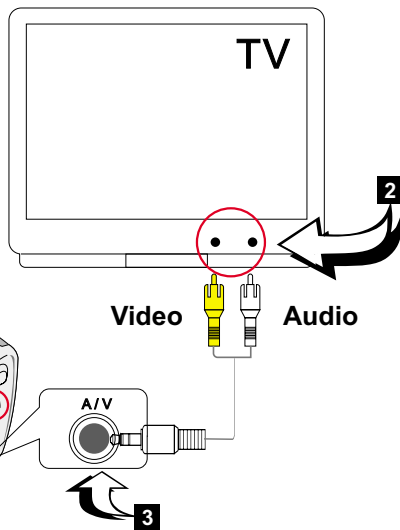
Item	Setting	Description
SIZE	2048x1536	Larger size indicates clearer image.
	1600x1200	Select 2048x1536 or 1600x1200 when you want to develop 4x6 photo size. And select 1280x1024 to develop 3x5 photo size.
	1280x1024	
QUALITY	Fine	Select "Fine" if you want to develop pictures.
	Standard	Select "Standard" if you only view pictures on PC.
A/V OUT	PAL	The A/V out color system of camera must be selected as same as your TV. Incorrect color system will cause TV display problems. Each TV belongs to one color system: PAL or NTSC.
	NTSC	
LANGUAGE	ENGLISH	Multi-lingual LCD supports English and German. See Language Reference Table for French, Italian, Spanish, Netherlands and Portuguese language reference.
	DEUTSCH	
DISPLAY	ON	Turn on/ off the status shown on the LCD.
	OFF	
DELETE ALL	NO	Delete all still, AVI Movies and audio files from your camera.
	YES	
FORMAT	NO	Format the memory of CF Card and clear all data from the memory.
	YES	

NTSC	America, Taiwan, Japan and Korea, etc.
PAL	Germany, England, Italy, Netherlands, China, Japan and Hongkong, etc.

Export to TV

Connect your camera and TV via A/V out cable for real time display. You can export your video, still pictures and audio directly to your TV or VCR to share them with friends and family.

- (1) Turn on your TV and select AV-in mode.
- (2) Please plug in Video and Audio AV cable to your TV.
- (3) Plug in the camera.
- (4) Turn on the camera.

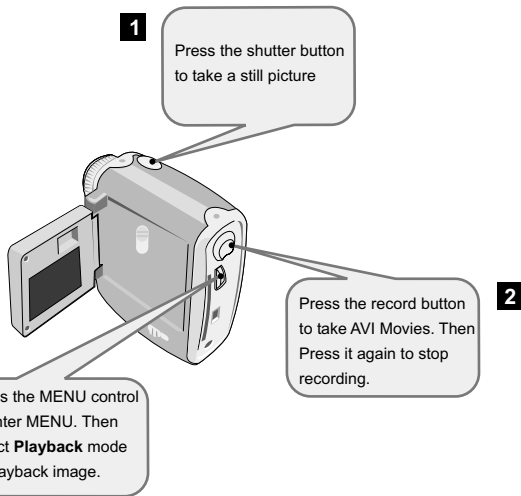
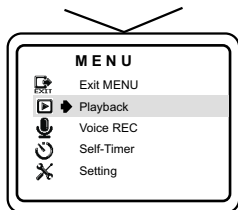


Abnormal Image

Image turns from color to black and white. To solve this problem, see **AV-out** in **Setting**.

Export to TV

With few steps, you can take pictures, record AVI Movies and playback files on TV.



Please see **Playback** section for detail information.

Viewing Pictures on PC

1 ► Installing the driver

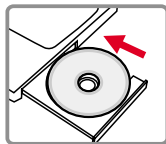
1 Turn on PC and activate Windows.

Do not connect your USB cable to the PC in this step.

Turn off the application programs running on your PC.

2 Place the CD in the CD-ROM.

☞ XP Users can skip **1** and go to **2** directly.



The title appears on the screen in a few seconds.

Viewing Pictures on PC

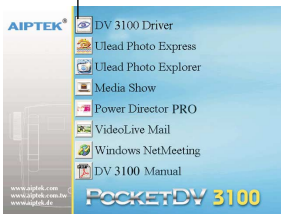
If no title appears on screen

- ① Double-click the icon "My computer".
- ② Double-click the icon CD-ROM ("DV 3100 (E:)")

*The drive of CD varies, depending on how your PC is set up.

-
- ③ Move mouse to "DV 3100 Driver" and single-click left key of mouse.

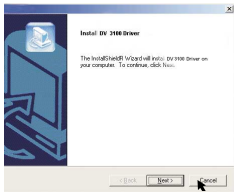
Single-click the left key of mouse at "DV 3100 Driver".



→ The "Install Shield Wizard" picture appears.

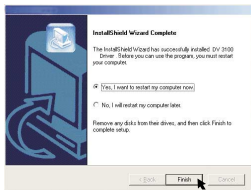
Viewing Pictures on PC

- 4 Click the left key of mouse at "NEXT"



Follow the instructions shown on the picture to install DirectX 8.1 driver step by step.

- 5 Follow the instructions shown on the screen to complete the installation program.



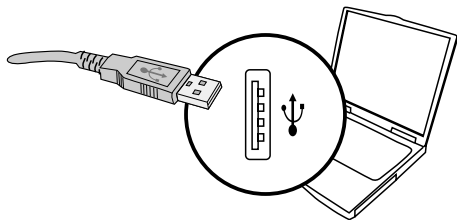
You will see the picture of completion as soon as installation is completed.



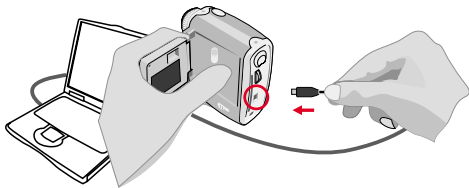
The driver is available for use after your PC is restarted.

Viewing Pictures on PC

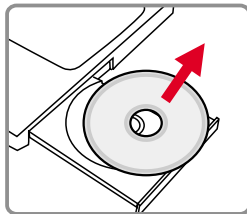
- 6** Connect USB cable to the USB port of PC.



Connect the other end of USB cable to camera to complete the installation of "Removable Disk".



- 7** Take the CD out.



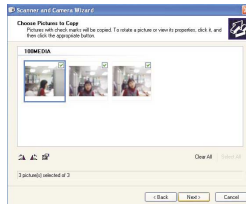
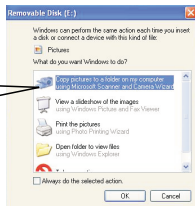
Viewing Pictures on PC

2 ► Viewing the pictures

MS Windows XP Users

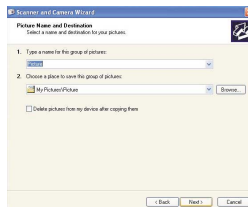
- 1 Turn on PC and activate Windows.
- 2 Connect USB cable to the USB port of PC.
Connect the other end of USB cable to the camera.
- 3 Select the first icon to copy pictures to PC and click “OK”.
- 4 Double click thumbnail to view pictures. Only pictures with check marks will be copied.
Please click “Next”.

Copy pictures
to PC

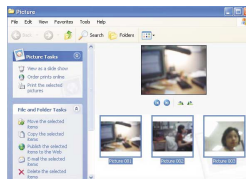


Viewing Pictures on PC

- 5 Type a name for this group of pictures and choose a place to save this group of pictures.



- 6 Pictures have been transferred to PC as you see this screen.



Viewing Pictures on PC

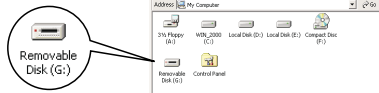
MS Windows 98SE/ME/2000 Users

- 1 Turn on PC and activate Windows.
- 2 Connect USB cable to the USB port of PC.
Connect the other end of USB cable to the camera.

- 3 Double-click the icon of "My computer".

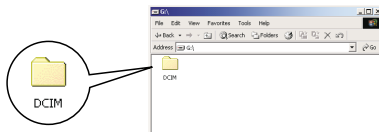


- 4 Double-click mouse to identify the new "Removable Disk".

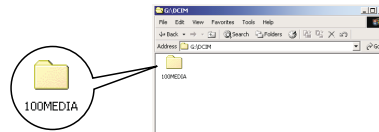


Viewing Pictures on PC

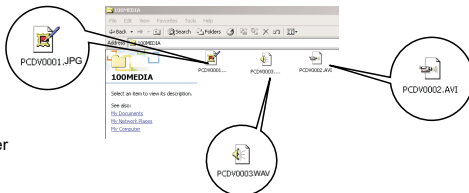
- 5** Double-click "DCIM" file holder.



- 6** Double-click "100MEDIA" file holder.



- 7** Double-click picture, AVI, or WAV.

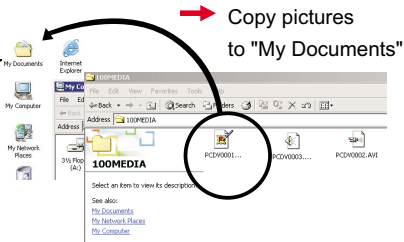


To play AVI Movies, you need to install Windows Media Player (recommended) and DirectX8.1 driver or above.

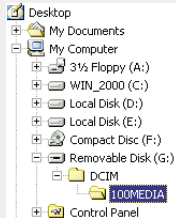
Viewing Pictures on PC

3 ► Copying pictures to your PC

Drag the picture to "My Documents"



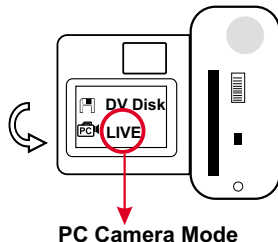
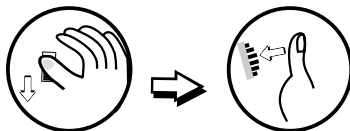
👉 Picture's positions and picture files



PC Camera

1 ▶ Installing PC Camera

- 1 Please install the driver first. (See Step 1 in <Viewing Pictures on PC>)
- 2 Connect USB to camera.
- 3 Rotate (MENU control) to  and press (MENU control) again.



Notice for 98SE Users:

1. Please select "Automatic search for a better driver" when Fig 1 appears.

1-2 MS Window 98SE users may be asked to insert licensed 98SE CD-ROM in your CD Drive. Please insert the CD-ROM.

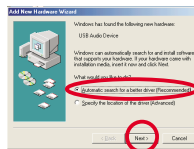


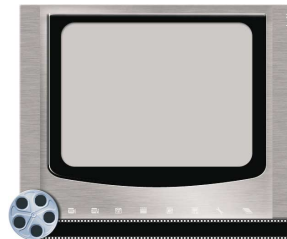
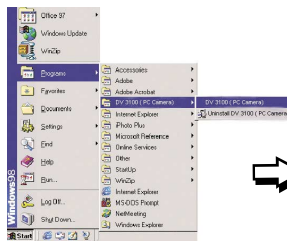
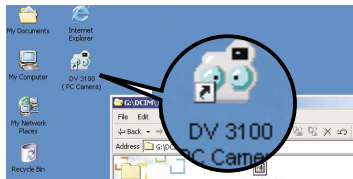
Fig 1

PC Camera

- 4 Click the "DV 3100 (PC Camera)" icon on the Desktop to execute the program where you can begin to use your camera.

OR

Click on the "Start" menu and go up to "Programs". Then go to the folder named " DV 3100 (PC Camera)" and select it.



PC Camera

2 ▶ Using Your PC Camera

- Record a video clip
- Stop recording
- Snapshot
- Set image size
- Source
- Preview or stop preview window
- Settings
- Open Album (where stores the files taken)



Preview
Window



Viewing pictures taken by PC Camera

1. Click  to open Album.

Or

2. Files taken are stored in Work Temp. Please follow the path to find the files.

C:/ Program Files /DV 3100 (PC Camera) / Work Temp

PC Camera

3 ▶ Advanced Settings in PC Camera



Set Image Size

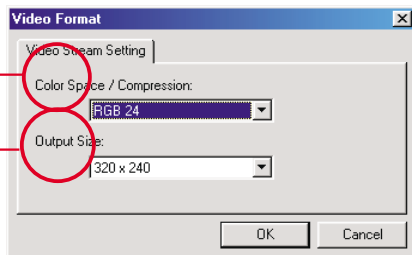
- **Color Space**

Select one of the following functions when you have different needs.

- RGB 24: better image quality
- I420: faster speed

- **Output Size**

Setting output size can change the size of the preview window. The default size is 320x240. Choose larger pixels when you need a larger preview window.



160 x 120
176 x 144
320 x 240
352 x 288
640 x 480

PC Camera

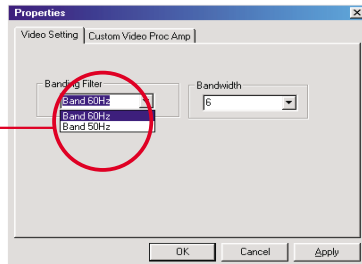


Set Source

- **Video Setting**

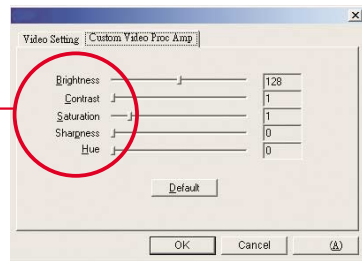
- Banding Filter:

When your PC screen flickers, please change the banding filter in Video Setting. The refresh rate (the number of times the screen is redrawn per second) is the most likely cause of flicker. Select 50Hz or 60Hz until your PC screen stops flickering.



- **Custom Video Pro Amp**

You can use the default setting or change settings (brightness, contrast, saturation, sharpness, and hue) on your own.

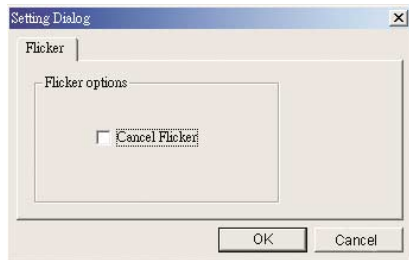


PC Camera



Set Settings

Your camera has default flicker settings, which is country specific. If you use your camera abroad, please refer to the table below and check if the flicker settings of the country you intend to go match the flicker settings of your country or not. If it doesn't match, please select "Cancel Flicker" in the setting dialog to prevent pictures from appearing unnatural flickering noise.



Country	England	Germany	France	Italy	Spain	Netherlands
Setting	50Hz	50Hz	60Hz	50Hz	50Hz	50Hz
Country	Portugal	America	Taiwan	China	Japan	Korea
Setting	50Hz	60Hz	60Hz	50Hz	50/ 60Hz	60Hz

Power

Battery Indicators



Full



Low



Out of power



-  on the LCD display indicates out of power.
- When not using your camera for extended periods, we suggest you remove the batteries.

LCD Backlight

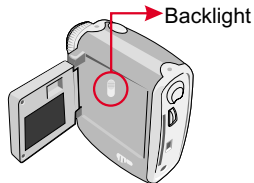
To reduce power consumption, turn off the LCD backlight.



On



Off



Storage Capacity

Storage capacity depends on CF Card storage capacity.

AVI Movies

Memory	Estimated maximum recording time
16MB	About 2.5~4 min
32MB	About 5~8 min
64MB	About 10~16 min

Still Pictures

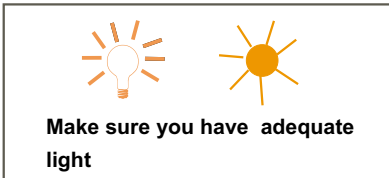
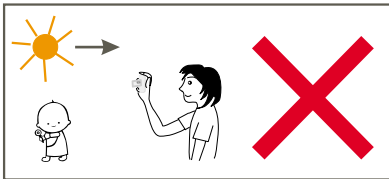
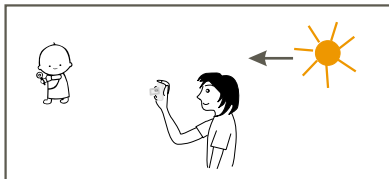
Size	2048x1536 pixels		1600x1200 pixels		1280x1024 pixels	
Quality	Fine	Standard	Fine	Standard	Fine	Standard
16MB CF Card	About 15 pictures	About 30 pictures	About 20 pictures	About 40 pictures	About 30 pictures	About 60 pictures
32MB CF Card	About 30 pictures	About 60 pictures	About 40 pictures	About 80 pictures	About 60 pictures	About 120 pictures
64MB CF Card	About 60 pictures	About 120 pictures	About 80 pictures	About 160 pictures	About 120 pictures	About 240 pictures
Note This table is for your reference. Actual number of pictures stored may vary (up to $\pm 30\%$) depending on resolution and color saturation.						

Voice Recording

Memory	Estimated Voice Recording Time
16MB	About 1 hour
32MB	About 2 hours
64MB	About 4 hours

For Best Results

- 1 Keep the focus set to  except for extreme close-ups.
- 2 Make sure your subject is well lit from the front.
- 3 Keep the camera level and steady when releasing the shutter.
- 4 Make sure you have adequate light when taking still pictures or movies.
- 5 For best quality video, move the camera slowly during filming.



Language Reference Table

	EN	GE	IT	DU	PT	SP	FR
1	Exit MENU	MENÜ beenden	Uscita MENU	Menu afsluiten	MENU Sair	MENÚ Salir	Quitter le MENU
2	Play	Wiedergabe	Esecuzione	Afspelen	Reproduzir	Reproducir	Lecture
3	Voice REC	Tonaufzeichnung	Reg. vocale	Geluidsopname	Gravação de Voz	Grab. de voz	Enreg. Vocal
4	Self-Timer	Selbstausslöser	Autoscatto	Zelfontspanner	Temp. Auto.	Temp. auto.	Retardateur
5	Setting	Einstellung	Impostazione	Installing	Definições	Configuración	Paramétrage
5-1	Exit	Beenden	Esci	Afsluiten	Sair	Salir	Quitter
5-2	Size	Größe	Dimensioni	Grootte	Tamanho	Tamaño	Taille
5-2-1	Size	Größe	Dimensioni	Grootte	Tamanho	Tamaño	Taille
	2048 x 1536	2048 x 1536	2048 x 1536	2048 x 1536	2048 x 1536	2048 x 1536	2048 x 1536
	1600 x 1200	1600 x 1200	1600 x 1200	1600 x 1200	1600 x 1200	1600 x 1200	1600 x 1200
	1280 x 1024	1280 x 1024	1280 x 1024	1280 x 1024	1280 x 1024	1280 x 1024	1280 x 1024
5-3	Quality	Qualität	Qualità	Kwaliteit	Qualidade	Calidad	Qualité
5-3-1	Quality	Qualität	Qualità	Kwaliteit	Qualidade	Calidad	Qualité
	Fine	Fein	Fine	Fijn	Fina	Fina	Fine
	Standard	Standard	Standard	Standaard	Normal	Estándar	Standard
5-4	A/V out	A/V-Ausgang	Uscita A/V	A/V uitgang	A/V out	Salida A/V	Sortie A/V
5-4-1	A/V out	A/V-Ausgang	Uscita A/V	A/V uitgang	A/V out	Salida A/V	Sortie TV
	PAL	PAL	PAL	PAL	PAL	PAL	PAL
	NTSC	NTSC	NTSC	NTSC	NTSC	NTSC	NTSC
5-5	Language	Sprache	Lingua	Taal	Idioma	Idioma	Langue

Language Reference Table

	EN	GE	IT	DU	PT	SP	FR
5-5-1	Language English Deutsch Français Italiano Español Netherlands Português	Sprach English Deutsch Français Italiano Español Netherlands Português	Lingua English Deutsch Français Italiano Español Netherlands Português	Taal English Deutsch Français Italiano Español Nederlands Português	Idioma Inglês Alemão Francês Italiano Castelhano Holandês Português	Idioma English Deutsch Français Italiano Español Netherlands Português	Langue English Deutsch Français Italiano Español Netherlands Português
5-6	Display	Anzeige	Schermo	weergave	Indicações	Pantalla	Affichage
5-6-1	Display ON OFF	Anzeige EIN AUS	Schermo Attivo Disattivo	weergave Aan Uit	Indicações ON OFF	Pantalla ENCENDER (ON) APAGAR (OFF)	Affichage Activé Désactivé
5-7	Delete All	Alles löschen	Elimina tutto	Alles wissen	Eliminar Todos	Eliminar todo	Supprimer tout
5-7-1	Are you sure? Yes No	Sind Sie sicher? Ja Nein	Tutti i file saranno eliminati. Si è sicuri? Sì No	Alle bestanden worden gewist. Weet u het zeker? Ja Nee	Todos os ficheiros serão eliminados. Tem a certeza? Sim Não	Se eliminarán todos los archivos. ¿Está seguro? Sí No	Tous les fichiers seront supprimés. Etes-vous sûr? Oui Non

Language Reference Table

	EN	GE	IT	DU	PT	SP	FR
5-7-1-1	Deleting...	Wird gelöscht...	Eliminazione in corso...	<u>Verwijderen...</u>	<u>A eliminar...</u>	Eliminando...	Suppression en cours...
5-7-1-1-1	All files have been deleted.	Alle Dateien wurden gelöscht.	Tutti i file sono stati eliminati.	<u>Alle bestanden zijn verwijderd.</u>	Todos os ficheiros foram eliminados.	Se han eliminado todos los archivos.	Tous les fichiers ont été supprimés.
5-8	Format CF Card	CF-Karte formatieren	Formatta scheda CF	<u>CF-kaart formateren</u>	Formatar cartão CF	Formatear tarjeta CF	Formater la carte CF
5-8-1	Format CF Card All files in CF Card will be deleted. Are you sure? Yes No	Sollen alle Dateien auf der CF-Karte wirklich gelöscht werden? <u>Ja</u> Nein	Tutti i file della scheda CF saranno eliminati. Si è sicuri? Sì No	<u>Alle bestanden op de CF-kaart worden verwijderd. Weet u het zeker?</u> <u>Ja</u> Nee	Todos os ficheiros no cartão CF serão eliminados. Tem a certeza? <u>Sim</u> <u>Não</u>	Se eliminarán todos los archivos de la tarjeta CF. ¿Está seguro? Sí No	Tous les fichiers dans la carte CF seront supprimés. Etes-vous sûr? Oui Non
5-8-1-1	Formatting CF Card...	Die CF-Karte wird formatiert...	Formattazione scheda CF in corso ...	<u>CF-kaart formateren...</u>	A formatar Cartão CF...	Formateando tarjeta CF...	Formatage Carte CF en cours ...
5-8-1-1-1	CF Card has been formatted.	Die CF-Karte wurde formatiert.	La scheda CF è stata formattata.	<u>CF-kaart is geformateerd.</u>	O Cartão CF foi formatado.	Se ha formateado la tarjeta CF.	La carte CF a été formatée.
Reset	Please wait.	<u>Bitte warten.</u>	Attendere.	<u>Even wachten.</u>	<u>Aguarde.</u>	Espere, por favor.	Veuillez patienter.

Troubleshooting

Symptom	Actions
Cannot turn on your camera.	● Press the MENU control for 3 seconds. ● Change new batteries.
Can't take pictures, record or voice record.	● Memory is full. Please transfer data to PC.
Data in internal built-in memory disappear.	● Transfer data to PC before the camera loses power from battery exhaustion.
TV doesn't show TV preview after AV-out cable is connected.	● Change AV-out port. Insert white cable to audio port and yellow one to video port.
Noise appears on PC screen while camera used as a video conferencing camera.	● Change Band Filter to 50 Hz or 60 Hz.
Images are blurred.	● Adjust the focus.
Images are too dark.	● Take pictures while there is adequate light. ● Use editing tools such as PhotoExpress to adjust image brightness.

Specifications

Hardware Resolution/ 2048 x 1536 pixels (3.1 Mega)
Sensor Effective Resolution/ 1600 x 1200 pixels (2 Mega)
Memory / Built-in Compact Flash Card Slot
Storage Media / Compact Flash Card (Maximum: 512 MB)

Main Function

- Digital Video Camcorder QVGA(320 x 240 pixels) / up to 10 fps
- Digital Still Camera 2048 x 1536 pixels (3.1 Mega)
1600 x 1200 pixels (2 Mega)
1280 x 1024 pixels (1.3 Mega)
- Digital Voice Recorder Up to 4 min./ MB Memory
- PC Camera VGA (640 x 480 pixels) up to 10 fps
QVGA(320 x 240 pixels)/ up to 24 fps
- TV out: Supports NTSC/PAL color system

1.5" Color TFT LCD for preview and playback

Digital Zoom / 2x

Auto Exposure & Auto White Balance

Self Timer / 10 second

Power Saving /Auto power off if idle over 60 seconds

Built-in Microphone & Speaker

Battery /AA x 2 (Alkaline recommended)

Dimension /3.3" x 3.1" x 1.6" or 84mm x 79mm x 41mm (L x H x W)

AIPTEK Service

If you have any problems, please contact AIPTEK office to which your country is assigned. Please note: If you reside outside of the United States or Germany, please contact AIPTEK Intl Inc.

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(Online registration entitles you to special services, downloads and promotions.)

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